

**HIGHER TECHNICAL INSTITUTE**  
**ELECTRICAL ENGINEERING DEPARTMENT**

**DEVELOPMENT OF AN**  
**AUDIO AMPLIFIER**

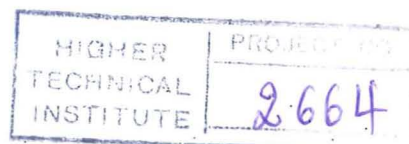
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## **ABSTRACT**

CHAPTER 1-In this chapter we explain the terms used in the audio amplifiers.

CHAPTER 2-In chapter 2 the HI-FI standards of an audio amplifier are explained.

CHAPTER 3-In this chapter we describe the operation of 5 audio amplifiers.

CHAPTER 4-It describes the classification of audio amplifiers which are class A ,class B ,class C ,class AB.

CHAPTER 5-It describes the circuit design and circuit parts of an audio amplifier.

CHAPTER 6-In this chapter we select the audio amplifier which we will construct.

CHAPTER 7-It describes the construction of the selected power amplifier .

CHAPTER 8-It describes how the testing of the constructed audio amplifier was performed .

CHAPTER 9-It suggests and describes a power supply for the constructed amplifier .

CHAPTER 10-It shows the results and the graphs of the testing made .

CHAPTER 11-Conclusions drawn from the project .

CHAPTER 12-Appendices,References.

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